

Title (en)  
TEMPERATURE CONTROL DEVICE AND METHOD FOR MANUFACTURING SAME

Title (de)  
TEMPERATURSTEUERUNGSVORRICHTUNG UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)  
DISPOSITIF DE RÉGULATION DE TEMPÉRATURE ET SON PROCÉDÉ DE FABRICATION

Publication  
**EP 2662655 A1 20131113 (EN)**

Application  
**EP 11855235 A 20111226**

Priority

- JP 2011002210 A 20110107
- JP 2011080124 W 20111226

Abstract (en)  
A heat pipe (12) including a heat absorption part (12a) provided at one end side and absorbing heat from an outside and a heat dissipation part (12b) provided at another end side and dissipating heat to the outside, and a heat absorption plate (13) and a heat dissipation plate (14) (heat conducting plates) made of metal films formed by powder including metal being accelerated with a gas toward external surfaces of the heat absorption part (12a) and/or the heat dissipation part (12b) of the heat pipe (12) and being sprayed and deposited on the surfaces in a solid-phase state are provided.

IPC 8 full level  
**F28D 15/02** (2006.01)

CPC (source: EP US)  
**B21D 53/02** (2013.01 - US); **B22D 23/003** (2013.01 - EP US); **F28D 15/0275** (2013.01 - EP US); **F28D 15/046** (2013.01 - US); **H01L 23/427** (2013.01 - EP US); **H05K 7/20336** (2013.01 - EP US); **F28F 2255/00** (2013.01 - EP US); **F28F 2275/00** (2013.01 - EP US); **H01L 2924/0002** (2013.01 - EP US); **Y10T 29/49353** (2015.01 - EP US)

Citation (search report)  
See references of WO 2012093613A1

Designated contracting state (EPC)  
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